



**Government of India**  
**Ministry of Earth Sciences**  
**India Meteorological Department**

**Press Release**

**Date: 11<sup>th</sup> February, 2022**

**Time of Issue: 1215 hrs IST**

**Subject: I) A Western Disturbance will affect Western Himalayan Region during 13<sup>th</sup> to 15<sup>th</sup> and another will affect northwest India from 17<sup>th</sup> to 20<sup>th</sup> February, 2022.  
II) Heavy rainfall at isolated places very likely over south coastal Tamilnadu during next 2 days.**

**Weather Observed during past 24 hours ending at 0830 hrs IST of today:**

- **Observed rainfall (in cm): Tamilnadu:** Nagapattinam: Vedaranyam-7, Tirupoondi-5; Arunachal Pradesh: Anini-5.
- **Cold day conditions** observed in isolated pockets over Uttar Pradesh.

**Weather Systems and associated forecast & warnings:**

- **The trough in westerlies runs roughly along Long. 87°E to the north of Lat. 25°N; it is very likely to cause:**
  1. Isolated to scattered light/moderate rainfall with thunderstorm & lightning very likely over Sub-Himalayan West Bengal-Sikkim during next 2 days.
  2. Scattered to fairly widespread rainfall very likely over Arunachal Pradesh and Assam & Meghalaya during next 2 days.
  3. Isolated **hailstorm** also likely over Sub-Himalayan West Bengal-Sikkim and Assam today, the 11<sup>th</sup> February, 2022.
  4. Strong winds (speed 25-35 kmph) very likely over Punjab, Haryana and West Uttar Pradesh during next 2 days.
- **Strong northeasterly winds are prevailing over coastal Tamilnadu in lower tropospheric levels, it is likely to continue during next 2 days**, under its influence, isolated to scattered rainfall very likely over Tamilnadu, Puducherry & Karaikal and Kerala & Mahe during next 2 days. Isolated thunderstorm accompanied with lightning also likely over Tamilnadu, Puducherry & Karaikal and Kerala & Mahe during next 2 days.
- **Heavy rainfall** at isolated places very likely over south coastal Tamilnadu during next 2 days.
- **Under the influence of fresh feeble Western Disturbance;** isolated to scattered light rainfall/snowfall very likely over Jammu, Kashmir, Ladakh, Gilgit-Baltistan & Muzaffarabad during 13<sup>th</sup> to 15<sup>th</sup> and over Himachal Pradesh and Uttarakhand on 15<sup>th</sup> February, 2022.

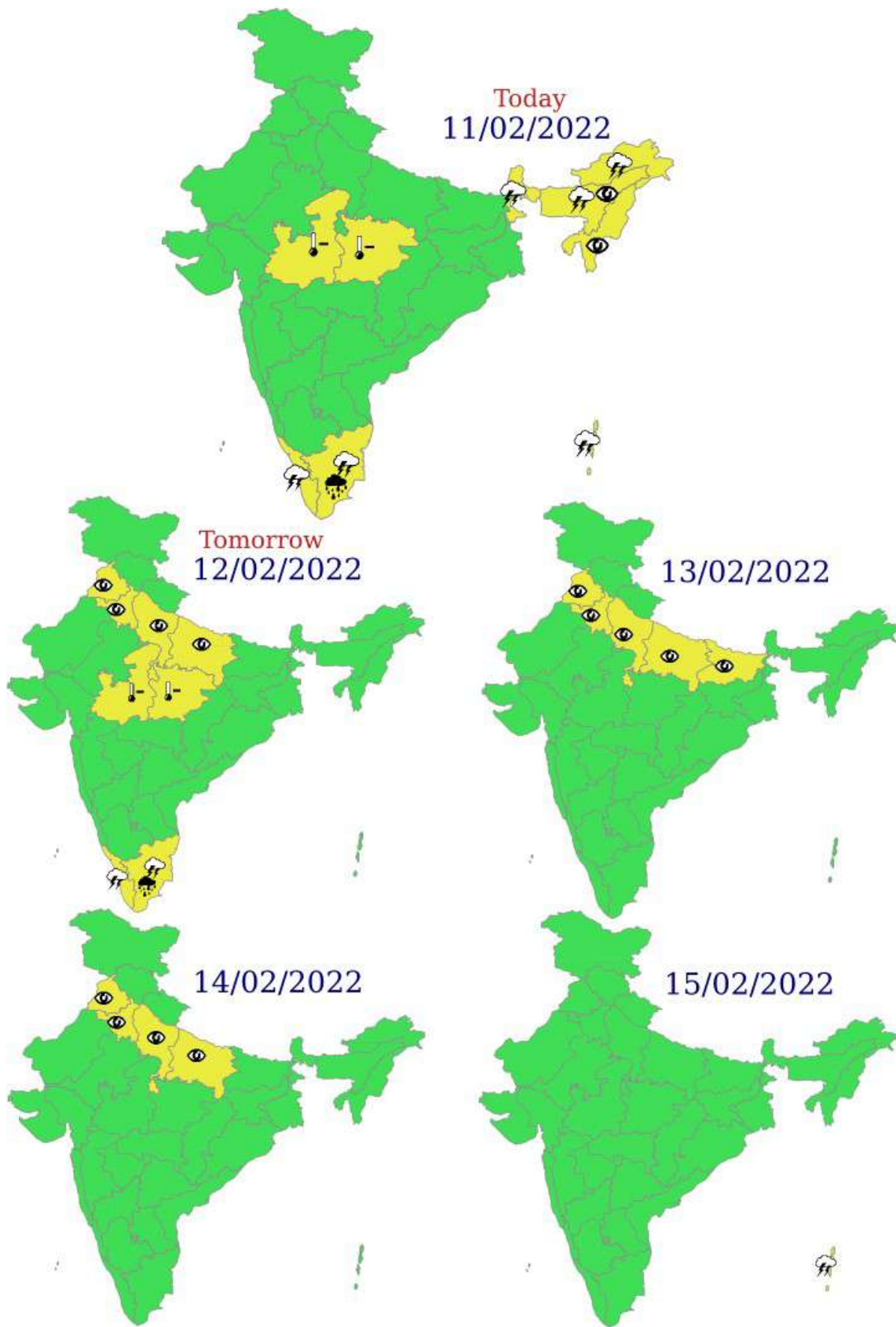
- **Under the influence of another Western Disturbance;** scattered to fairly widespread light rainfall/snowfall very likely over Western Himalayan Region and light isolated to scattered rainfall over plains of northwest India from 17<sup>th</sup> to 20<sup>th</sup> February, 2022.

**Temperature and Fog Warning:**

- No significant change in minimum temperatures very likely over most parts of Northwest & Central India during next 48 hours and gradual rise by 2-4°C thereafter.
- Gradual fall in minimum temperatures by 3-5°C very likely over most parts of East India during next 3 days and no significant change thereafter.
- **Cold Day and cold wave conditions** very likely in isolated pockets of Madhya Pradesh during next 2 days.
- **Dense Fog Conditions** very likely in isolated places over Assam & Meghalaya & Nagaland, Manipur, Mizoram & Tripura during next 24 hours and over Uttar Pradesh, Punjab and Haryana-Chandigarh-Delhi during night/morning hours of 13<sup>th</sup>-15<sup>th</sup> February, 2022.

**For more details refer:**

[https://mausam.imd.gov.in/imd\\_latest/contents/subdivisionwise-warning.php](https://mausam.imd.gov.in/imd_latest/contents/subdivisionwise-warning.php)



**Legends:**

**Heavy Rain:** 64.5 to 115.5 mm; **Very Heavy Rain:** 115.6 to 204.4 mm; **Extremely Heavy Rain:** >204.4 mm.

**Region wise classification of meteorological Sub-Divisions:**

- 1) **Northwest India:** Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad; Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
- 2) **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
- 3) **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
- 4) **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- 5) **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathwada.
- 6) **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

<b>SPATIAL DISTRIBUTION</b> (% of Stations reporting)			
% Stations	Category	% Stations	Category
76-100	Widespread (WS/Most Places)	26-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL.)



<b>WARNING</b>	
WARNING (TAKE ACTION)	ALERT (BE PREPARED)
WATCH (BE UPDATED)	NO WARNING (NO ACTION)

<b>Probabilistic Forecast</b>	
Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75

